



S/N 09/217,873

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Mark Rapaich

Examiner: Paulos Natnae

Serial No.: 09/217,873

Group Art Unit: 2614

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Title: DIGITAL YUV VIDEO EQUALIZATION AND GAMMA CORRECTION

**PATENT**

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Commissioner for Patents

Washington, D.C. 20231

Prior to examination, please amend the above-identified Continued Prosecution Application as follows.

**In the Claims**

Please substitute the claim set in the appendix entitled Clean Version of Pending Claims for the previously pending claim set. The substitute claim set is intended to reflect amendment of previously pending claims 1, 6, and 11. The specific amendments to individual claims are detailed in the following marked up set of claims.

1. (Amended) A personal computer system comprising:
- a video source capable of providing a digital YUV video signal;
  - a video output capable of connecting to a video display device;
  - a digital processor computationally employing a corrective algorithm that applies gamma correction to the digital YUV signal provided by the video source and provides a corrected signal to the video output.
2. The personal computer of claim 1 wherein the digital processor further employs a corrective algorithm that corrects at least one of color saturation correction, tint correction, brightness correction and contrast correction.
3. The personal computer system of claim 1, further comprising a software module for user configuration of the digital processor that corrects the digital YUV signal.

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